

# ECHO Technical Committee Meeting 10.01.2013

ECHO has been replaced by the [Common Metadata Repository \(CMR\)](#), a high-performance, high-quality, continuously evolving metadata system that catalogs all data and service metadata records for the EOSDIS system and will be the authoritative management system for all EOSDIS metadata.

The information contained within this ECHO wiki is now archived for historical reference. Please navigate to the [CMR wiki pages](#), or to the [CMR Overview page](#) on [Earthdata](#).

## Dial-In

### Information

Telecon  
Number  
877.973.2179

Passcode  
770291

## Attendance

Name	Organization
<a href="#">Doug Newman</a>	ECHO
Frank	NSIDC
Heath Dreesman	LPDAAC
Jon Velapoldi	ECHO
Jessica Garron	ASF
Lisa Booker	NSIDC
Ben McMurry	ORNL
Cathy Fowler	NSIDC
Mary Nair	GHRC
Renea Erikson	NSIDC
Greg Cates	LARC
Merlie Hansen	SEDAC

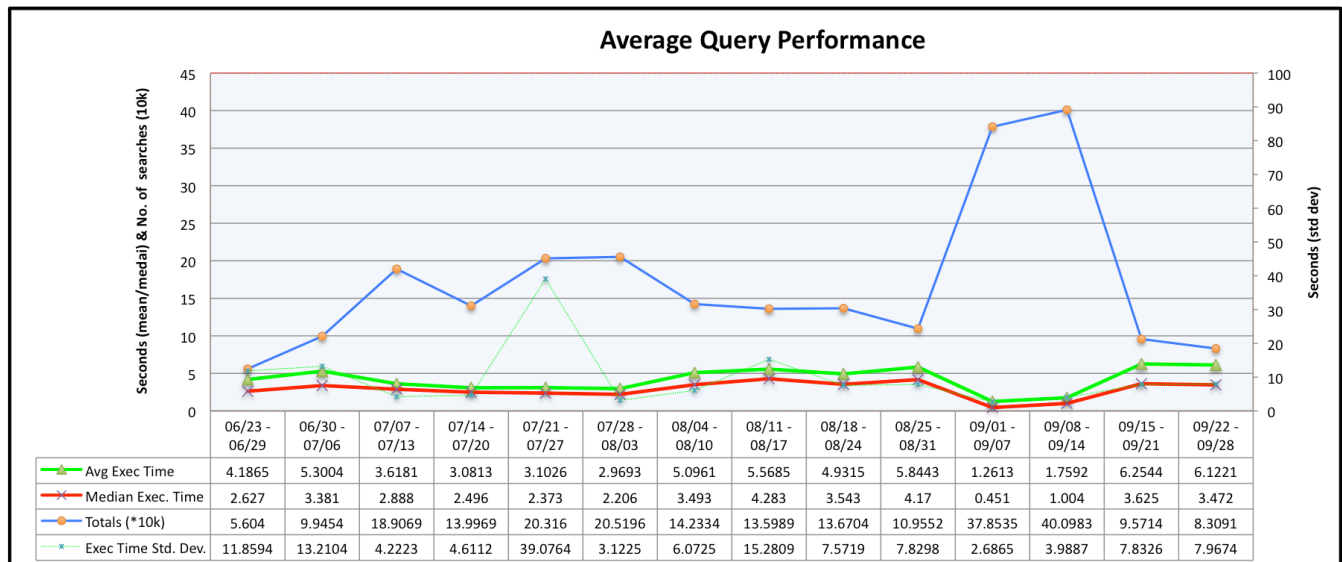
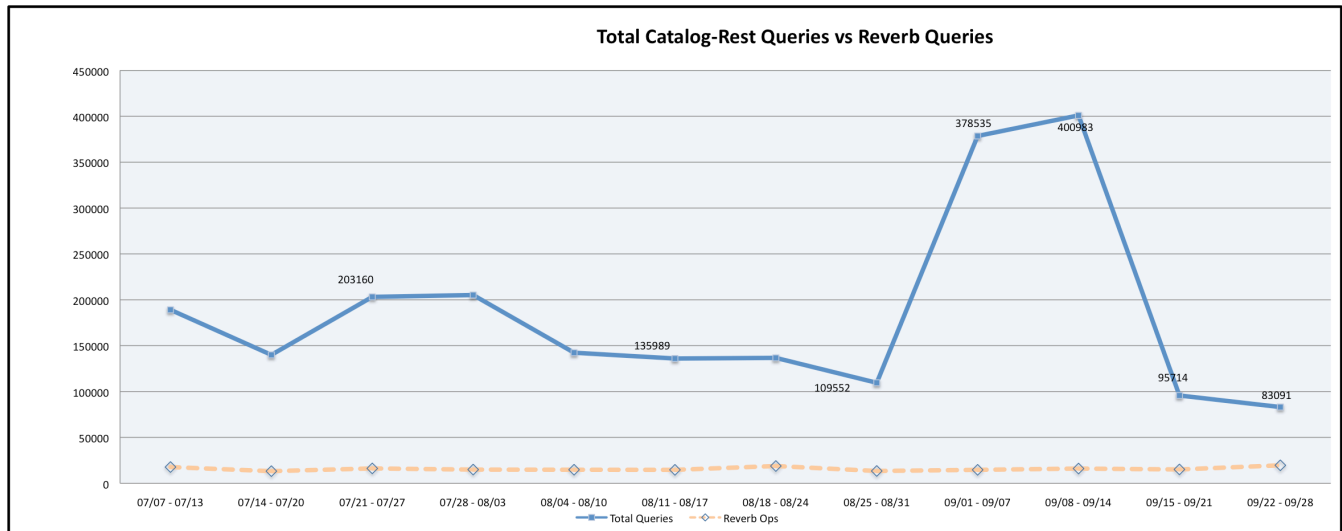
## ECHO System Status

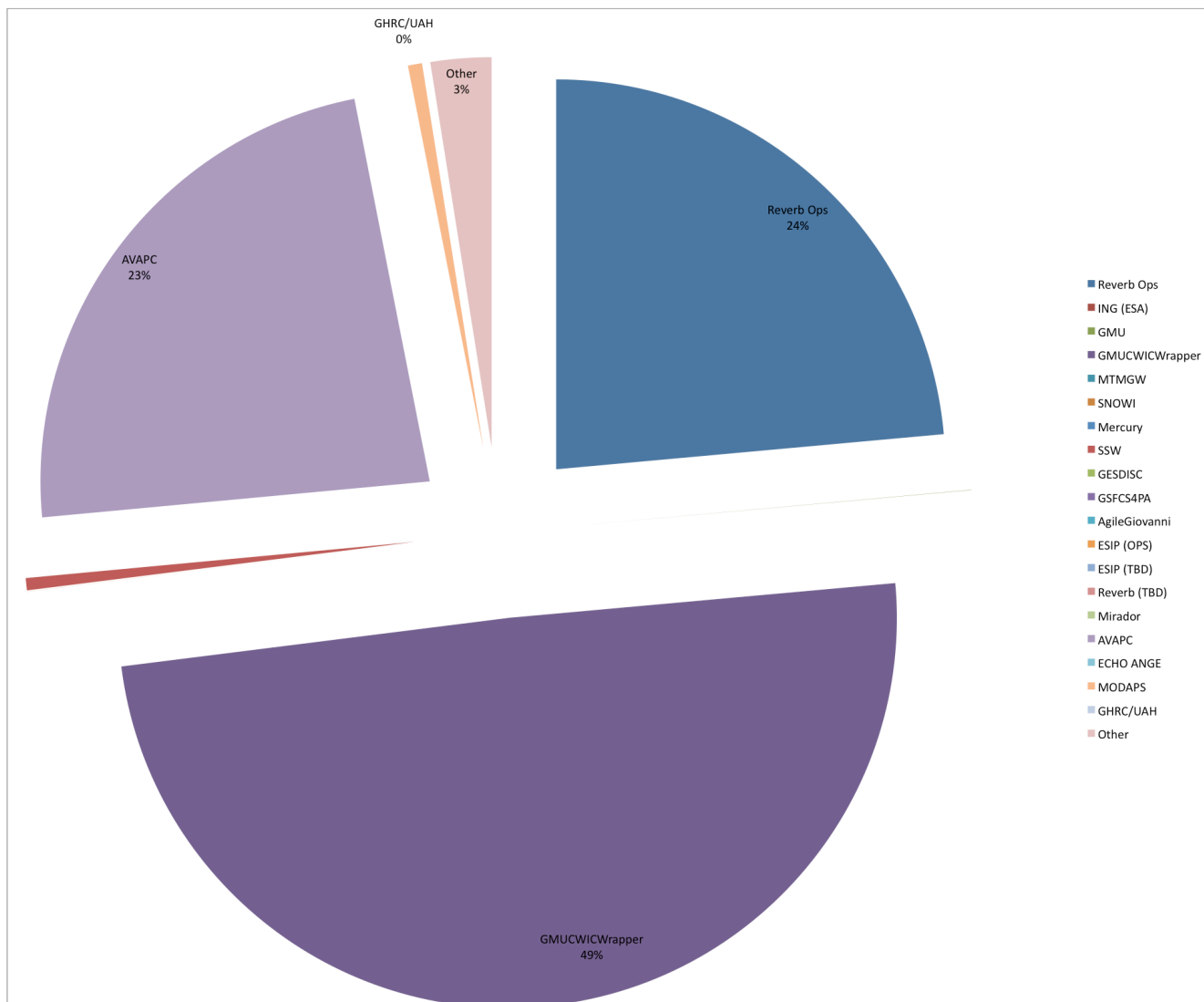
### System Issues

- 10.67 went to Operations and Partner Test
- [09/25/13](#) during the 10.67 migration to operations we experienced two outages
  1. During live migration a recurrence of the infinispn error (NCR 11014138) prevented the return of patched kernel nodes to the kernel cluster starting with opsapp10. Shortly thereafter the entire kernel cluster became unresponsive. By recycling all the kernel nodes simultaneously we were able to return the kernel cluster to a viable state.

2. During OS patching, specifically dbrac2node1 and opsapp7,8,14 and 15, the dbrac2node2 elastic instance was automatically ejected from the elastic search cluster. Elastic search cannot function with only 2 nodes so elastic and, consequently ECHO, became unresponsive. dbrac2node2 was manually restarted to regain responsiveness of elastic.

## Recent Metrics





## Release Status

### In Operations 10.67

- 3 week sprint, ending 9/6/2013
- NCR 11011983 Reverb: "Review Order" screen does not display selected order options
- NCR 11013220 User should be able to review service options before final service request submission
- NCR 11013440 Order button active when all data sets in the cart are not orderable.
- NCR 11013832 Add/expose a search field that identifies a collection as NRT
- NCR 11014071 Change Reverb Tooltip to use jQuery UI or something less ugly
- NCR 11014073 Question mark link on download dialog is not the same [?] form as all other help links
- NCR 11014076 Reverb 404 Errors from /users path
- NCR 11014086 Change Reverb Tutorial link to new Reverb Tutorial
- NCR 11014090 Sorting in granule list not working correctly when multiple datasets are open
- NCR 11014092 ECHO: Several Orders in Validated status from July 1 - 31
- NCR 11014132 Create new page to contain consolidated order components
- NCR 11014133 Create user contact info popup and container for order consolidation page

### In Test (from tomorrow) 10.68

3 week sprint, ending 9/27/2013

NCR	Summary
11012197	RESAMPLE and INCLUDE_META not being properly extracted from form for esi requests.

11014055	Saving Granule Results for particular Spatial search with AST_L1A granules provides REST_BAD_REQUEST error.
11014129	Include test to ensure Reverb URL continues to work
11014131	Internal server error when retrieving service information in Reverb
11014157	Reverb Dataset Loading Issues (via LaRC)
11014162	NoMethodError: undefined method `provider_id' for nil:NilClass in Reverb
11014164	RuntimeError in the Reverb browse_images#index action
11014168	Add the ability to remove items from your order in the new order workflow
11013970	Update PUMP to allow setting datasets that permit duplicate items in orders
11014177	Go through the issues reported in errbit and create NCRs where necessary
<b>11013833</b>	<b>A user should be able to visually identify NRT data within Reverb</b>
11012136	ECHO Reverb (10.42.1): Alter order of operations for clarity in 'list view'
11014185	New Reverb order workflow is extremely slow
11014141	Add Search keyword synonyms for CollectionType NEAR_REAL_TIME
11013421	When logged in, registered users should not see the Contact Information page in Reverb
11013425	Change the Order Options page to show data sets instead of granules.

## In development 10.69

3 week sprint, ending 10/18/2013

NCR	Summary
11014041	GUI for setting an order option needed
11014101	Create REST service interface to accommodate ECHO ordering
11014142	Timeline View: Add contextual help
11014174	Integrate Splunk-log-analyzer with query metrics and extend it to analyze AQL queries.
11014183	Provide access control for 'destructive' elastic search endpoints
11014171	8.2 TS1/OPS 8.1 Reverb not displaying map in Media Options for HEW spatial subsetting
11014181	Verify correct functionality of ACL safeguards on inventory
11014193	DataSource: CLIENT_STRING query parameter should be used to include ECHO status URL in ESI email
11014016	Attempting to sort query results by an invalid field results in an internal server error
11012137	ECHO Reverb (10.42.1): Consider other options for list view data set expansion icon
11014015	Remove the option to sort search results by campaign
11014014	Internal server error when sorting by campaign
11014154	Configure errbit not to log the Echo-Token header
11014197	Automatically stage tar file after tar file prep completes within TeamCity

## Discussion Topics

- ConOps for NRT collection changes (Matt Cechini). No progress

- NRT collection visualization screenshots 'lightbulb -> light -> fast -> near real time is our logic.'

## Datasets page

Step 2: Select Datasets

Found 2 datasets. Total Query Time: 0.15s

☐ Sample Near Real Time V1a  
Archive Center: FIX\_PROV Short Name: SampleNearRealTime Version: 1

☒ Sample Orderable Dataset V001  
Archive Center: FIX\_PROV Short Name: Sample Orderable Dataset Version: 1

## Granules page

EOSDIS Home | Reverb Home | About | Tutorial

Shopping Cart (0) | Order Status | Service Request Status | Sign In

Return to dataset results

Search Options

Search Terms  
near real

Save Query

Feedback?  
Tell us what you think.

Availability

FIX\_PROV1 Event 1  
(Start Date Not Provided) to (End Date Not Provided)

Step 1: Select Granules

List View | Map View | Image View | Timeline View

Sample Near Real Time V1a

Archive Center: FIX\_PROV Short Name: SampleNearRealTime Version: 1

Save Granule Results | Add Selected to Cart

Showing 1 to 1 of 1 granules Total Query Time: 0.41s

Granule ID	Start Time	End Time	Online Access	Browse	All
Sample Near Real Time Granule					

Step 2: Go to Cart

## Upcoming Events

### Planned Maintenance 10/02

- 10.68 code push to Test Bed (live)
- Misc OS patching (live)

### Planned Maintenance 10/09

- 10.68 code push to Partner Test (live)

## Open Floor

- (from last ETC) NSIDC Requests no downtime week of 10/14 for SDPS 8.2 Migration Testing

## Actions

1. ~~Ed Seiler to write kayake ticket related to Open Search count issues~~
2. ~~Provide screenshots of proposed NRT visualization when available - Doug~~
3. ~~IPv6 issues with CSFC - Doug~~